

Exploring the Potential of Wikidata & Scholia to Generate Scholarly Profiles at IUPUI



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Digital Initiatives Metadata Librarian

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IUPUI University Library

- Located on the IUPUI (Indiana University-Purdue University Indianapolis) campus
- Library supports open access and open knowledge projects/initiatives



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Motivation for This Work

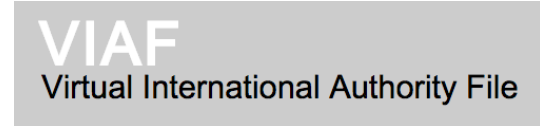
- [“The Wikidata scholarly profile page”](#) by Finn Årup Nielsen
- Development of [Scholia](#)

Phase **1**

School of Philanthropy Pilot Project

- Create entries in Wikidata for:
 - the core faculty (currently 21)
 - their co-authors, regardless of their institutional affiliation
 - their journal articles
 - some of the works cited on the articles

Scholarly Profiles Data Gathering



Scopus

Google Scholar



ORCID



professor of economics and philanthropic studies

Una O. Osili | Una Okonkwo Osili | Una O Osili



Contents

Statements

instance of

[human](#)

0 references

image



Una-Osili-ForeignRelationSubcommittee-Testimony.jpg

507 × 449; 45 KB

0 references

sex or gender

[female](#)

1 reference

reference URL

<https://philanthropy.iupui.edu/people-directory/osili-una.html>

quote Una O. Osili, Ph.D., is an economist with significant experience in research and policy in the fields of household behavior and economic policy. She is also associate dean for research and international programs at the Indiana University Lilly Family School of Philanthropy (English) retrieved 31 January 2018

spouse

[Vop Osili](#)

1 reference

stated in [English Wikipedia](#)

languages spoken, written or signed

[English](#)

0 references

occupation

[university teacher](#)

0 references

[researcher](#)

0 references

field of work

[philanthropy](#)

0 references

[economics](#)

0 references

employer

[Northwestern University](#)

start time 1996

end time 1998

position held [teaching assistant](#)

1 reference

reference URL

<https://www.iza.org/person/6954/una-o-osili>

retrieved 28 May 2018

[Yale University](#)

educated at

[Harvard University](#)

end time 1994

academic degree [Bachelor of Arts](#)

academic major [economics](#)

0 references

[Northwestern University](#)

end time 1995

academic degree [Master of Arts](#)

academic major [economics](#)

0 references

[Northwestern University](#)

end time 1999

academic degree [Doctor of Philosophy](#)

academic major [economics](#)

0 references

work location

[Indianapolis](#)

0 references

affiliation

[Indiana University Lilly Family School of Philanthropy](#)

1 reference

reference URL

<https://philanthropy.iupui.edu/people-directory/index.html?type=Faculty+Core&page=2>

official website

<https://philanthropy.iupui.edu/peo>

Una Osili: Wikidata Item

Professor of Economics and Associate Dean for Research and International Programs, IU Lilly Family School of Philanthropy

Identifiers

Scopus Author ID

[6506201770](#)

0 references

VIAF ID

[43025147](#)

0 references

Library of Congress authority ID

[n2004144107](#)

0 references

ISNI

[0000 0000 3580 6419](#)

0 references

GND ID

[133350169](#)

0 references

RePEc Short-ID

[pos97](#)

0 references

ORCID iD

[0000-0001-7447-8857](#)

1 reference

stated in [Philanthro-metrics: Mining multi-million-dollar gifts](#)

National Thesaurus for Author Names ID

[302969101](#)

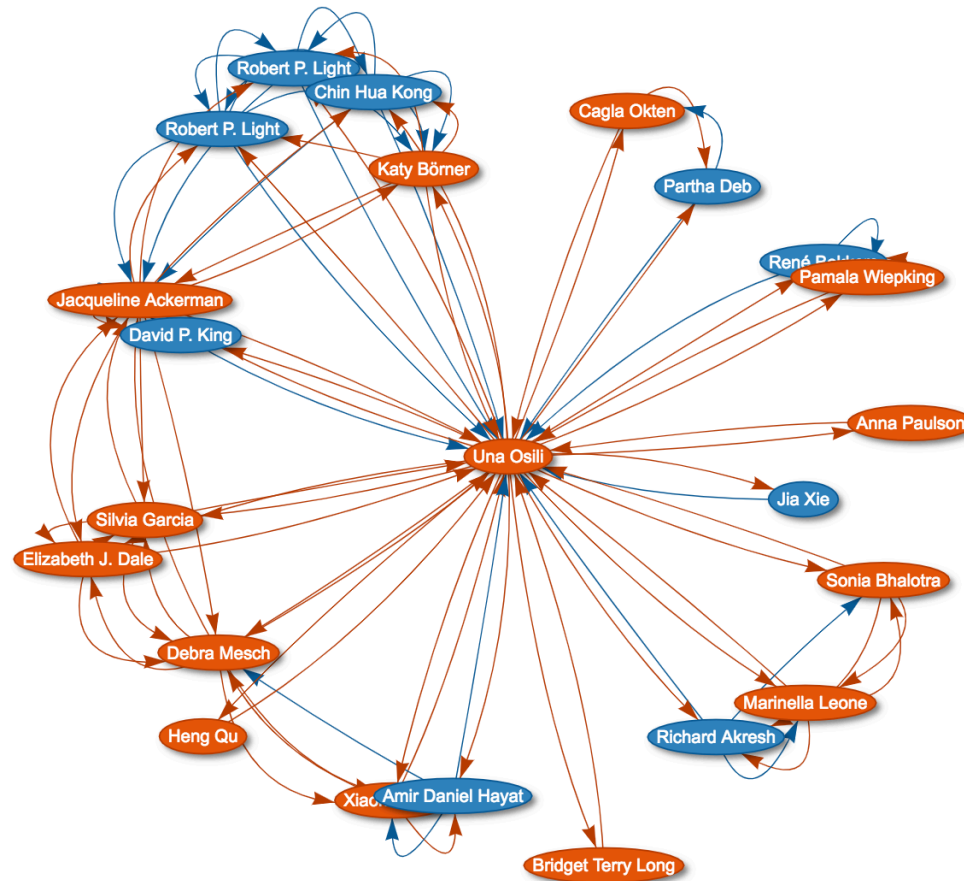
1 reference

stated in [Virtual International Authority File](#)

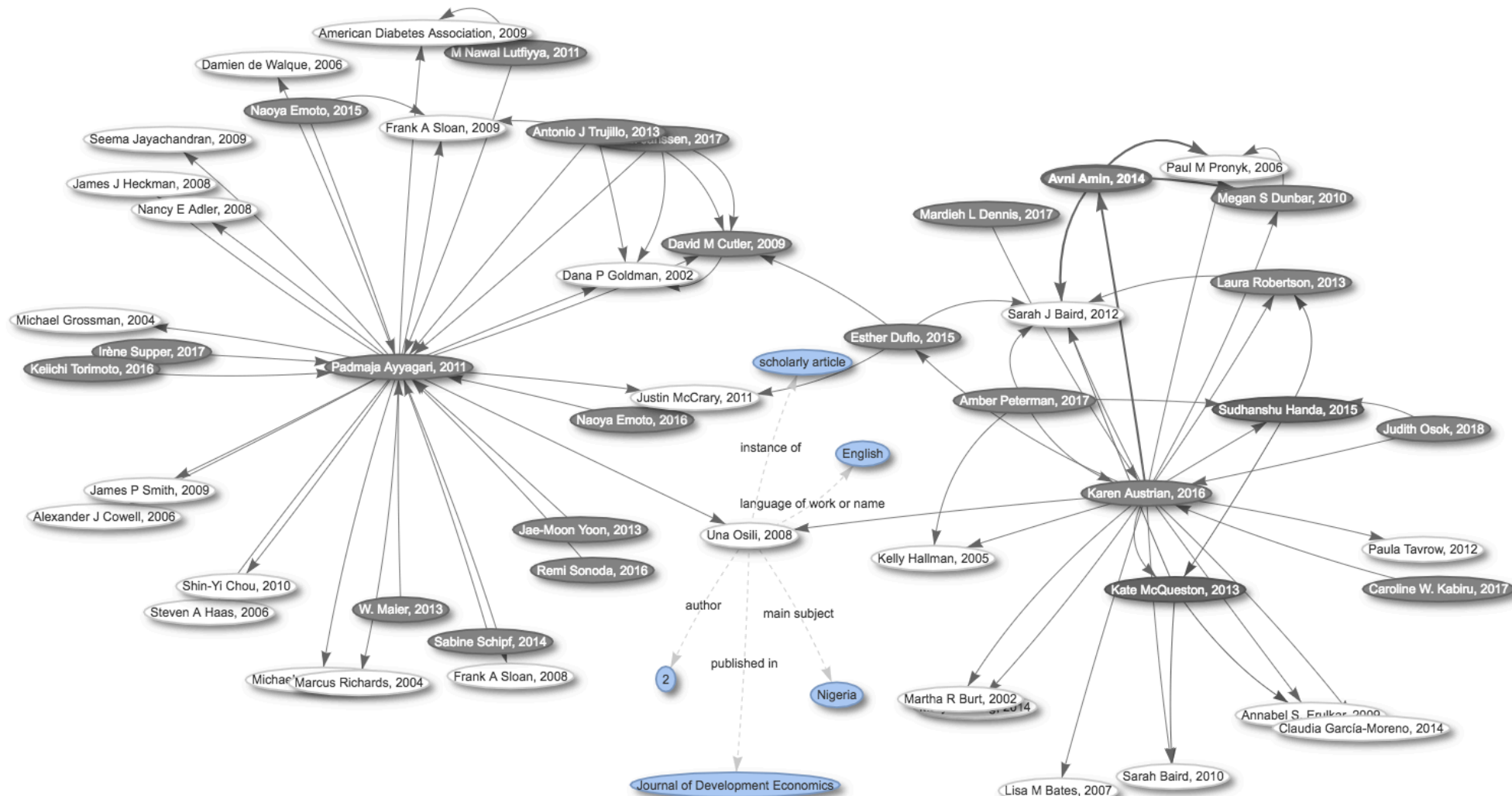
retrieved 27 August 2018

VIAF ID [43025147](#)

Una Osili Co-authors Graph in Scholia



Connecting Works



Pilot Project Outcomes

Initial count

- 21 entries for core faculty selected
 - 1 core faculty already in Wikidata (enhanced)
- 60+ entries for co-authors
- 117 entries for publications
- 40+ entries for works cited in 3 publications from one faculty member
- 7 entries for works that cited those 3 publications

And, we have continued contributing and connecting works

Phase 2

IUPUI Women Faculty Profiles

- We are focusing our efforts on:
 - Creating entries for IUPUI women faculty (core) across disciplines
 - Connecting faculty to existing articles (P50 – ***author***)
 - Getting consent from faculty to use existing pictures under an open license (CC-BY-SA)
 - Adding new articles
 - Connecting works (P2860 – ***cites***)

Properties Used to Create Entries for Faculty

- **P31** (instance of)
- **P735** (given name)
- **P734** (family name)
- **P21** (sex or gender)
- **P1412** (languages spoken, written, or signed)
- **P106** (occupation)
- **P108** (employer)
- **P69** (educated at)
- **P1416** (affiliation)
- **P2035** (LinkedIn personal profile URL)
- **P496** (ORCID iD)
- **P1153** (Scopus Author ID)
- **P1960** (Google Scholar author ID)
- **P213** (ISNI)
- **P2002** (Twitter username)
- **P214** (VIAF ID)
- **P244** (Library of Congress authority ID)
- **P1053** (ResearcherID)

Faculty Count in Wikidata by Schools

- School of Dentistry: **5**
- School of Education: **6**
- School of Engineering and Technology: **7**
- School of Health & Human Sciences: **2**
- Herron School of Art and Design: **2**
- School of Informatics and Computing: **6**
- Kelly School of Business: **4**
- School of Liberal Arts: **26**
- Lilly Family School of Philanthropy: **13**
- Robert H. McKinney School of Law: **9**
- School of Medicine: **13**
- School of Nursing: **36**
- School of Public and Environmental Affairs: **3**
- Richard M. Fairbanks School of Public Health: **8**
- School of Science: **9**
- School of Social Work: **2**

Total Contribution of IUPUI Women Faculty: **151**

Summary (Phase 1 + Phase 2)

- Faculty entries: 171
- Co-authors entries: 60+
- New articles created: 175
 - 47+ linked works
- Existing articles linked to authors: 501

Why Are We Doing This?

Open data:

- Aligns with our library's mission and strategic plans
- Contributes to a freely accessible linked data knowledge base
- Enables external tools, like Scholia, to use and display the data in ways that allows a more meaningful interaction and exploration of the scholarship

Q19279214!

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